



# Magnetic Drilling Machine

# Precision and Strength

Strength needs direction. That's why every Kertz magnetic drilling machine is carefully crafted to handle a variety of drilling requirements, accommodating cutter sizes ranging from 32mm to 100mm and depths from 35mm to 100mm. In addition to drilling, these machines can also perform threading up to M42, thanks to the clockwise and counterclockwise motor. As innovators in hole-cutting technology, we proudly present our Precision and Strength technology, showcased in our Element range of tools. This advancement ensures durability while maintaining cutting power and speed. With precise measurements, strain is reduced, enabling faster and more efficient work without compromising performance.



## Powerful Magnet

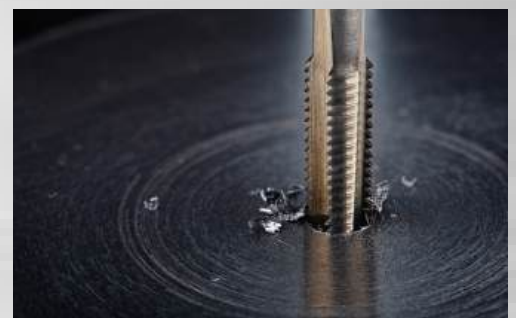
Designed for success in any work setting, all of our magnetic drills feature strong magnetic adhesion that securely attaches to selected metal surfaces. These bases are capable of withstanding challenging project tasks, providing workers with unmatched power and portability, whether at height or on rigs. For more than 40 years, Kertz has been at the forefront of magnetic drill design and manufacturing, merging our extensive industry knowledge with a commitment to not only enhance but also innovate the way professionals operate.

## Compact Size

Compact yet powerful, our selection of magnetic drills offers the strength of a stationary workbench tool while ensuring easy portability. Designed to withstand the toughest metals, our tools are tough, dependable, and feature powerful motors with versatile speed settings, all within a compact frame. This lightweight technology is just one reason we are the preferred supplier across various industries, providing exceptional strength against steel for applications in ships, bridges, oil rigs, and more.

## Threading

Kertz magnetic drills are capable of more than just drilling; they can also perform threading up to M42. These heavy-duty magnetic drilling machines come equipped with a range of features, including a reversible motor. They are perfect for professional users in structural engineering and heavy engineering companies.







# KMD-35

## Technical Specifications

Motor Output	1000 Watt
Voltage	220 V / 50-60 Hz
Stroke	100 mm
Magnet Strength	8000 N
Weight	13,5 KG
Direct Arbor	Dirert Arbor 19 mm Weldon
Speed Range	750 rpm
Max Core Diameter Drilling	35 mm
Max Twist Diameter Drilling	13 mm
Max Depth Drilling	55 mm

1 safety belt, 1 set of carbon brushes, 1 hexagonal wrench 3mm and 5 mm, 1 set handle rods, 1 coolant tank

# KMD-50

## Technical Specifications

Motor Output	1700 Watt
Voltage	220 V / 50-60 Hz
Stroke	200 mm
Magnet Strength	13600 N
Weight	19,5 kg
Direct Arbor	MT 3
Speed Range	200 - 650 rpm
Max Core Diameter Drilling	55 mm
Max Twist Diameter Drilling	28 mm
Max Depth Drilling	75 mm

1 safety belt, 1 diagonal pin, 1 pair of carbon brush, 1 hex wrench 3mm and 5mm, 1 set handle rods, 1 coolant tank, 1 spindle MT3





# KMD-60 X

## Technical Specifications

Motor Output	1600 Watt
Voltage	220 V / 50-60 Hz
Stroke	160 mm
Magnet Strength	15000 N
Weight	25 KG
Direct Arbor	MT 3
Speed Range	280 rpm / 520 rpm
Max Core Diameter Drilling	60mm
Max Twist Diameter Drilling	31,5 mm
Max Tapping	M24
Max Depth Drilling	110 mm

1 safety belt, 1 diagonal pin, 1 pair of carbon brush, 1 hex wrench diameter 3 and 5 mm, 1 set handle rods, 1 coolant tank, 1 spindle MT3

# KMD-120 X

## Technical Specifications

Motor Output	2600 Watt
Voltage	220 V / 50-60 Hz
Stroke	230 mm
Magnet Strength	2000 N
Weight	35 kg
Direct Arbor	MT 4
Speed Range 1	130 rpm / 215 rpm
Speed Range 2	280 rpm / 520 rpm
Max Core Diameter Drilling	120 mm
Max Twist Diameter Drilling	44 mm
Max Tapping	M42
Max Depth Drilling	150 mm

1 safety belt, 1 diagonal pin, 1 pair of carbon brush, 1 hex wrench 3mm and 5mm, 1 set handle rods, 1 coolant tank, 1 spindle MT4



# KMD-50 W



## Technical Specifications

Motor Output	1300 Watt
Voltage	220 V / 50-60 Hz
Stroke	61 mm
Magnet Strength	9000 N
Weight	11 kg
Direct Arbor	Direct Arbor Weldon 19mm
Speed Range	200 - 500 rpm
Max Core Diameter Drilling	50 mm
Max Twist Diameter Drilling	13 mm
Max Depth Drilling	50 mm

1 safety belt, 1 diagonal pin, 1 pair of carbon brush,  
1 hex wrench diameter 3 and 5 mm, 1 set handle  
rods, 1 coolant tank

